

Amendment to the Claims

1-2. (canceled)

3. (currently amended) A device for reading or writing information, the device comprising:

an electromagnetic transducer including a plurality of solid transducer layers,

a substrate adjoining said transducer, said substrate shaped as a rigid body adjacent to said transducer and as a plurality of flexible elements distal to said transducer, and

an actuator attached to said substrate distal to said transducer,
wherein said actuator includes a layer of piezoelectric material, and
said transducer layers are substantially parallel with said layer of piezoelectric material.

4-5. (canceled)

6. (currently amended) A device for reading or writing information, the device comprising:

an electromagnetic transducer including a plurality of solid transducer layers,

a substrate adjoining said transducer, said substrate shaped as a rigid body adjacent to said transducer and as a plurality of flexible elements distal to said transducer, and

an actuator attached to said substrate distal to said transducer,
wherein said flexible elements are substantially aligned with a center of mass of said rigid body.

7-12. (canceled)

13. (currently amended) A device for reading or writing information, the device comprising:

a wafer substrate piece disposed between an electromagnetic transducer and an electrostrictive actuator, said substrate piece shaped as a rigid body adjoining said transducer and as a flexible element connecting said rigid body and said actuator,

wherein said actuator includes a layer of piezoelectric material, and

said transducer includes a plurality of layers that are substantially parallel with said layer of piezoelectric material.

14-19. (canceled)

20. (previously presented) A device for reading or writing information, the device comprising:

an electromagnetic transducer including a plurality of solid transducer layers,

a substrate adjoining said transducer, said substrate shaped as a rigid body adjacent to said transducer and as a plurality of flexible elements distal to said transducer, and

actuation means for positioning said transducer,

said actuation means attached to said substrate distal to said transducer.

21. (canceled)

22. (currently amended) A device for reading or writing information, the device comprising:

an electromagnetic transducer including a plurality of solid transducer layers,

a substrate adjoining said transducer, said substrate shaped as a rigid body adjacent to said transducer and as a plurality of flexible elements distal to said transducer, and

an actuator attached to said substrate distal to said transducer,

wherein said transducer layers include a plurality of active layers that convert a magnetic signal to an electrical signal, said active layers separated from said substrate by a plurality of inactive layers that do not convert between magnetic and electrical signals.

23-24. (canceled)

25. (currently amended) A device for reading or writing information, the device comprising:

a wafer substrate piece disposed between an electromagnetic transducer and an electrostrictive actuator, said substrate piece shaped as a rigid body adjoining said transducer and as a flexible element connecting said rigid body and said actuator, wherein said transducer includes a plurality of active layers that convert a magnetic signal to an electrical signal, said active layers separated from said substrate by a plurality of inactive layers that do not convert between magnetic and electrical signals.

26. (canceled)

27. (previously presented) The device of claim 20, wherein said flexible elements extend substantially parallel to a first plane and said transducer layers are substantially parallel to a second plane that is perpendicular to said first plane.

28. (previously presented) The device of claim 20, wherein said transducer layers include a plurality of active layers that convert a magnetic signal to an electrical signal, said active layers separated from said substrate by a plurality of inactive layers that do not convert between magnetic and electrical signals.

29. (canceled)